

CCP EnviroNews

December 2004

Environmental News from the CCP - Saukville Facility

Welcome to the Seventh Edition of CCP EnviroNews

EnviroNews is one way for us to share information with neighbors and the Saukville community about new developments relating to CCP's environmental programs and performance. In this issue, we are highlighting the results of two recently released reports—CCP's 2004 Saukville Community Survey and our Annual Performance Evaluation as part of our Environmental Cooperation Agreement with the Wisconsin Department of Natural Resources.

As always, if you have any questions or concerns about CCP operations, please contact Plant Manager Glenn Preisler at 268-3395.

Community Survey Results

CCP recently completed its third Saukville community survey; others were done in 2000 and 2002. The survey helps us respond to community concerns and identify trends relating to your perceptions of our environmental performance and programs. The 2004 survey contained a mix of both repeat questions from the 2002 and 2000 surveys and several new questions relating to CCP odor and noise reduction efforts. It was mailed to 179 households, businesses and others in the Saukville area. Forty-one completed surveys were received, for a 23% return rate. (For comparison, in 2002 the return rate was 25% and in 2000 it was 31%)

Presented below is a list of key results, including comparison with 2000 and 2002 survey results where appropriate.

- 63% think "CCP is a good environmental citizen," 32% think "CCP's environmental performance is OK but it could improve," 0% chose "CCP has a poor environmental record" and 5% think "pollution from CCP is a major threat to public health and the environment." (Compared to 54%, 32%, 6% and 4% respectively in 2002 and 44%, 47%, 0% and 9% in 2000.)
- 85% indicated that the CCP Saukville facility is being run cleaner, none think the facility is being run less clean and 7% think it is being run about the same as before CCP owned it. (Compared to 84%, 6% and 2% respectively in 2002 and 72%, 12% and 7% in 2000.)
- 32% "don't notice any odors coming from the plant", 55% can "detect a slight odor," 2% think odors are "common," 7% think odors are both "common and annoying," 0% think odors are "constant" and 5% think they are "constant and overpowering." (Compared to 32%, 52%, 8%, 8%, 0% and 0% respectively in 2002; and 22%, 48%, 13%, 11%, 0% and 6% in 2000.)
- 53% reported hearing noise from our plant, with 46% noting alarms, 34% reporting banging of drums and 15% noting other loud noises. 5% said noise was more frequent the last 12 months, 48% said it was less frequent and 48% thought it was about the same.
- 66% said they know to call plant manager Glenn Preisler about an odor, noise or other problem. 27% indicated they have contacted us with 12% having done so during the last

12 months. 50% were satisfied with CCP's response, 20% were not and 30% were "somewhat satisfied".

- We presented a list of potential issues relating to the CCP Saukville facility-- chemical spills, air pollution, water pollution, hazardous waste, explosions and fire hazards. 49% to 58% of you think that each of these is a "major concern." (Compared to 53%--63% in 2002.)
- 82% believe that our environmental performance is similar to or better than other Saukville businesses. (Compared to 80% in 2002 and 75% in 2000.)
- The most popular information sharing technique continues to be a newsletter, followed by publicizing our phone number, summaries of advisory committee meetings and an annual public meeting.
- 63% reported receiving our *EnviroNews* newsletter, 8% said they had not received it and 28% couldn't remember. (Compared to 40%, 30% and 26% respectively in 2002). Among those who received it, all said they read it and 84% said the information was useful. (Compared to all and 95% in 2002.)
- 28% were aware of the CCP information notebook at the Saukville Library but only one person reported actually using it. (Compared to 24% and one in 2002.)
- 67% knew about the Community Advisory Committee and 33% reported knowing someone on the committee. (Compared to 54% and 34% respectively in 2002.)
- The response to "what else can CCP do to protect the environment or enhance the community that stood out among the others was—"Keep doing things to improve. Make believe that you live right over the fence."

We will be discussing these results with the Community Advisory Committee on January 12 and

asking for their ideas on what changes should be made to continue to improve communications with Saukville residents. We encourage any of you who are interested to join us. If you would like a copy of the full report summarizing the survey results, call Glenn Preisler (268-3395).

The next meeting of the CAC Community Advisory Committee will be January 12, 2005 at 7:00 PM at CCP. All of you are welcome to attend.

CCP Submits Annual Report to DNR

In our Environmental Cooperation Agreement with the DNR, we committed to cease burning hazardous waste in our incinerator, establish an environmental management system (EMS), and seek opportunities for waste minimization, pollution prevention, product stewardship and other environmental benefits at our Saukville facility in cooperation with our neighbors, customers, the local community and DNR. In return, the DNR agreed not to require a new round of testing on the CCP hazardous waste incinerator since we were proposing to only burn nonhazardous wastes in the future. (A test burn is normally conducted prior to licensing an incinerator, or as part of a 10-year permit renewal process.)

Each year, we report to the DNR on environmental progress made under the agreement. The 2004 report is summarized below. If you would like a copy of the full report, contact Plant Manager Glenn Preisler at 268-3395 or preisler@ccponline.com.

Glycol Reduction

CCP will recycle for reuse approximately 600,000 pounds of spent glycol generated from its scrubber system and reactor cleaning in 2004. We currently use off-site vendors for this recycling.

CCP was awarded a grant from *Wisconsin Focus on Energy* to fund research on removing trace levels of odor causing semi-volatile compounds in our reaction water, making this glycol/water mix more amenable to recovery of glycol using distillation. The UW Engineering Department completed this study and, unfortunately, these compounds could not be easily removed from the reaction water.

Xylene Waste Minimization

CCP Environmental Management Program (EMP) teams continue work on xylene source reduction opportunities. The use of xylene solvent in resin production was reduced by segregating solvent from decanters and reusing the solvent in subsequent batches. This solvent, when spent, must be shipped for beneficial reuse / fuel blending since the odor of the solvent makes it unsuitable for recycling and reuse.

We also implemented a new program to recycle and return rinse xylene with an off site service. At current rates, we plan to manage approximately 450,000 pounds of xylene through recycling in 2004. The amount recycled has steadily increased from zero in 2000.

These source reduction activities, along with a production shift toward water-based polymer dispersions, resulted in a substantial decline in CCP's xylene use as shown in the following table.

Year	Xylene Used (pounds)
2000	4,080,000
2001	3,200,000
2002	2,937,060
2003	2,460,000
2004 (estimated)	2,400,000

In addition, we estimate up to 1,400,000 pounds of xylene solvent waste will be managed through off-site reuse (energy recovery at cement kilns) for 2004. Previously this was used for incineration at CCP. Our solvent is a cleaner fuel alternative for

cement kilns compared with heavy fuel oils or other hazardous waste because it releases lower levels of nitrogen and sulfur oxides.

Community Outreach

The CCP Community Advisory Committee (CAC) met quarterly at CCP from January 2001 through the end of 2003. In 2004, the CAC requested to meet twice a year (January and July), unless specific issues require more meetings. Meetings are open to the public, and public comment is accommodated at a set time on each agenda. We announce meetings in the newspaper and provide agendas and meeting summaries at the Saukville Public Library.

We completed ten new chemical fact sheets, prioritized by risk and amounts used at our Saukville facility and distributed them at the January 2004 CAC meeting. We also conducted a plant tour for the CAC and any interested members of the general public in July, focusing on changes over the last three years.

CCP updated the CAC on the following capital improvement projects:

- Process tanks to increase production capacity for water-based products
- Paving of the employee parking lot to reduce dust
- Installation of a totally enclosed filter press to reduce emissions and odor
- Plans for closing the non-hazardous solid waste incinerator
- Plans for closing the non-hazardous liquid incinerator
- Plans for a special drum handling, filling and storage facility

We conduct a Community Survey every two years to gauge public perception of CCP environmental performance changes. The first survey was conducted in 2000 and then another in 2002. CCP distributed the 2004 Community Survey in September 2004. The results appear elsewhere in this newsletter.

Product Stewardship

We also agreed to take leadership in product stewardship--integrating environmental considerations into the design and development of our products. We are leading the commercial development of low-styrene composite resins as well as a water-based polymers used in water based coatings and stains. The shift toward water-based products has contributed to a substantial reduction in xylene use at the plant (see table above).

CCP resins that are have low levels of hazardous air pollutants (LOVOCOR™) and low-styrene resins (MC™ Series) are industry technology leaders. These products help our customers meet EPA air quality requirements using pollution prevention, rather than pollution control. CCP continues growth and development of a line of aqueous cleaners (Thermaclean™) and low solvent cleaners (Unisolve™) for use in the composites fabrication industry.

Environmental Management System (EMS)

From 2002 through 2004, CCP implemented an integrated environmental management system for the Saukville facility. We retained Kestrel Management Services to train and coach the CCP team charged with implementing the EMS.

The CCP Saukville facility was audited by independent representatives of our parent company in October 2003 and the results were positive—we achieved a Level 7 rating, which indicates a well designed and developed environmental management system. We were audited again in April 2004 and showed continued improvement with a high Level 7 (near Level 8) rating. We hope to complete a certified outside audit in 2005.

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